

Historic, Archive Document

**Do not assume content reflects current
scientific knowledge, policies, or practices.**

Reserve
A 49.9
R 31A

LIBRARY
CURRENT SERIAL RECORD

SEP 23 1960

*

National Cooperative Dairy Herd Improvement Program



U. S. DEPARTMENT

A plan for every size herd

STANDARD DHIA

OWNER SAMPLER

WEIGH-A-DAY-A-MONTH

AGRICULTURAL RESEARCH SERVICE, U. S. DEPARTMENT OF AGRICULTURE

ARS-44-81

(Vol. 36, No. 7)

July 1960

NEW DHIA PROVED-SIRE DATA

The processing of lactation records and the compilation of DHIA Proved-Sire data using 705-III electronic data processing procedures have been completed. The printing of sire records and related reports and mailing them to the various States are now complete.

This operation brings up-to-date all sire tabulations using lactation records reported to November 1959. The next operational run of the 705-III procedures will use all lactation records reported up to the time the "run" is made when all sire data will be compiled on a current basis.

In the first run of the procedures, the following sire data were compiled:

| | |
|---|----------------|
| 1. New Proved-Sire Records * | 6, 268 |
| 2. Proved-Sire Records retabulated * | 15, 511 |
| 3. Daughter-Average Records * | <u>30, 391</u> |
| Total Sire Tabulations | 52, 170 |
| 4. DHIA Proved-Sire List of sires proved or reproved will be published in three parts with a total of about 1, 300 pages and will include summary data for approximately 21, 000 sires. (List will be distributed to those on the mailing list receiving the Dairy-Herd-Improvement Letter.) | |
| 5. Daughter-Average List consists of sires not having sufficient dams with records available for proving or reproving the sire. The list will include daughter-average summary data for 30, 391 sires and will consist of some 1, 700 pages. (List will be distributed only to the State Colleges and the AI Studs.) | |

*Copies have been sent to the State Colleges.

TABLE 1.--NUMBER OF PROVED-SIRE RECORDS TABULATED IN 1960, BY STATES AND BREEDS 1/

| STATE | AYRSHIRE | GUERNSEY | HOLSTEIN | JERSEY | BROWN SWISS | SHORTHORN | RED DANE | RED POLL | TOTAL |
|---------------------|----------|----------|----------|--------|-------------|-----------|----------|----------|--------|
| ALABAMA----- | 9 | 79 | 139 | 209 | 4 | 5 | - | - | 445 |
| ALASKA----- | - | - | 3 | - | - | - | 2 | - | 5 |
| ARIZONA----- | 4 | 69 | 92 | 32 | 2 | - | - | - | 199 |
| ARKANSAS----- | 4 | 53 | 14 | 47 | 4 | - | - | - | 122 |
| CALIFORNIA----- | 38 | 132 | 192 | 96 | 22 | - | - | - | 480 |
| COLORADO----- | 49 | 79 | 146 | 27 | 39 | 5 | - | - | 345 |
| CONNECTICUT----- | 185 | 480 | 685 | 232 | 87 | 3 | - | - | 1,672 |
| DELAWARE----- | 74 | 176 | 223 | 27 | 8 | - | - | - | 508 |
| FLORIDA----- | 47 | 370 | 139 | 294 | 18 | - | - | - | 868 |
| GEORGIA----- | 29 | 108 | 285 | 162 | 16 | 1 | - | - | 601 |
| HAWAII----- | - | 2 | 3 | - | - | - | - | - | 5 |
| IDAHO----- | 17 | 143 | 217 | 177 | 16 | 8 | - | - | 578 |
| ILLINOIS----- | 79 | 492 | 1,137 | 255 | 224 | 39 | 1 | 1 | 2,228 |
| INDIANA----- | 83 | 475 | 694 | 284 | 103 | 14 | - | - | 1,653 |
| IOWA----- | 136 | 395 | 1,130 | 296 | 224 | 60 | - | 2 | 2,243 |
| KANSAS----- | 117 | 158 | 502 | 116 | 64 | 26 | - | 2 | 985 |
| KENTUCKY----- | 9 | 109 | 261 | 177 | 41 | - | - | - | 597 |
| LOUISIANA----- | 7 | 106 | 41 | 86 | 5 | - | - | - | 245 |
| MAINE----- | 77 | 151 | 249 | 116 | 17 | 8 | - | - | 618 |
| MARYLAND----- | 204 | 598 | 1,088 | 160 | 66 | 15 | - | - | 2,131 |
| MASSACHUSETTS----- | 187 | 349 | 648 | 287 | 91 | 7 | - | - | 1,569 |
| MICHIGAN----- | 91 | 363 | 1,027 | 253 | 115 | 10 | 43 | - | 1,902 |
| MINNESOTA----- | 72 | 380 | 1,038 | 240 | 134 | 45 | - | 4 | 1,913 |
| MISSISSIPPI----- | 7 | 174 | 45 | 125 | 8 | - | - | - | 359 |
| MISSOURI----- | 4 | 220 | 380 | 278 | 66 | 19 | - | - | 967 |
| MONTANA----- | 4 | 36 | 63 | 23 | 19 | 3 | - | - | 148 |
| NEBRASKA----- | 26 | 166 | 320 | 31 | 50 | 18 | - | - | 611 |
| NEVADA----- | - | 42 | 11 | 28 | - | - | - | - | 81 |
| NEW HAMPSHIRE----- | 93 | 172 | 338 | 144 | 26 | 4 | - | - | 777 |
| NEW JERSEY----- | 47 | 436 | 711 | 153 | 108 | 2 | - | - | 1,457 |
| NEW MEXICO----- | 2 | 119 | 44 | 52 | 1 | - | - | - | 218 |
| NEW YORK----- | 450 | 787 | 2,705 | 558 | 183 | 20 | 1 | 1 | 4,705 |
| NORTH CAROLINA----- | 122 | 427 | 605 | 189 | 19 | 3 | - | - | 1,365 |
| NORTH DAKOTA----- | 6 | 42 | 159 | 11 | 41 | 12 | - | 1 | 272 |
| OHIO----- | 181 | 435 | 784 | 481 | 192 | 15 | 6 | 1 | 2,095 |
| OKLAHOMA----- | 61 | 48 | 142 | 103 | 27 | 8 | - | 2 | 391 |
| OREGON----- | 18 | 190 | 165 | 275 | 38 | 6 | - | 1 | 693 |
| PENNSYLVANIA----- | 340 | 1,280 | 1,947 | 402 | 112 | 14 | - | - | 4,095 |
| RHODE ISLAND----- | 65 | 90 | 142 | 126 | 5 | - | - | - | 428 |
| SOUTH CAROLINA----- | 21 | 183 | 123 | 120 | 12 | - | - | - | 459 |
| SOUTH DAKOTA----- | 18 | 14 | 82 | 10 | 41 | 1 | - | - | 166 |
| TENNESSEE----- | 5 | 135 | 149 | 243 | 9 | 1 | - | - | 542 |
| TEXAS----- | 30 | 122 | 260 | 285 | 37 | 6 | - | - | 740 |
| UTAH----- | 1 | 100 | 233 | 71 | 9 | - | - | - | 414 |
| VERMONT----- | 193 | 285 | 655 | 450 | 74 | 8 | - | - | 1,665 |
| VIRGINIA----- | 63 | 615 | 935 | 148 | 48 | 15 | - | - | 1,824 |
| WASHINGTON----- | 31 | 215 | 305 | 231 | 38 | 3 | - | - | 823 |
| WEST VIRGINIA----- | 52 | 147 | 368 | 87 | 13 | 2 | - | 1 | 670 |
| WISCONSIN----- | 55 | 621 | 1,969 | 225 | 229 | 27 | 1 | 1 | 3,128 |
| WYOMING----- | - | 1 | 32 | 2 | 7 | - | - | - | 42 |
| TOTAL 2/ | 1,247 | 5,036 | 10,642 | 3,721 | 853 | 226 | 45 | 9 | 21,779 |

1/ The number listed for each State frequently includes 1 or more sires proved with records from some other State as well as from the State indicated.

2/ The totals given here omit duplication of sires.

TABLE 2.--TOTAL NUMBER OF DAUGHTER-AVERAGE TABULATIONS OF DHIA SIRES COMPILED IN 1960, BY BREED

| AYRSHIRE | GUERNSEY | HOLSTEIN | JERSEY | BROWN SWISS | SHORTHORN | RED DANE | RED POLL | TOTAL |
|----------|----------|----------|--------|-------------|-----------|----------|----------|--------|
| 1,618 | 7,025 | 14,842 | 4,691 | 1,214 | 949 | 16 | 36 | 30,391 |

TABLE 3.--AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF THE DAUGHTERS OF SIRES PROVED IN 1960, AND THE DAMS OF THESE DAUGHTERS, GROUPED ACCORDING TO BUTTERFAT PRODUCTION RANGE OF THE DAMS TO WHICH THEY WERE MATED

| Butterfat production range of dams | Sires | Maintained or increased production | Decreased production | Dam-and-daughter pairs | Average production | | | | | |
|------------------------------------|--------|------------------------------------|----------------------|------------------------|--------------------|-----------|-----------|-----------|-----|--------|
| | | | | | Dams | | Daughters | | | |
| | | | | | Milk | Butterfat | Milk | Butterfat | | |
| Pounds | Number | Number | Number | Number | Pounds | % | Pounds | Pounds | % | Pounds |
| Under 275---- | 212 | 162 | 50 | 1,973 | 6,248 | 4.0 | 252 | 6,887 | 4.2 | 287 |
| 275 - 299---- | 358 | 251 | 107 | 4,126 | 6,972 | 4.1 | 289 | 7,303 | 4.2 | 309 |
| 300 - 324---- | 699 | 464 | 235 | 8,371 | 7,494 | 4.2 | 313 | 7,756 | 4.3 | 332 |
| 325 - 349---- | 1,356 | 853 | 503 | 17,349 | 8,045 | 4.2 | 338 | 8,206 | 4.3 | 351 |
| 350 - 374---- | 2,350 | 1,301 | 1,049 | 36,804 | 8,675 | 4.2 | 363 | 8,653 | 4.3 | 368 |
| 375 - 399---- | 3,514 | 1,848 | 1,666 | 75,401 | 9,321 | 4.2 | 388 | 9,231 | 4.2 | 390 |
| 400 - 424---- | 4,092 | 1,956 | 2,136 | 118,324 | 10,123 | 4.1 | 412 | 9,930 | 4.1 | 410 |
| 425 - 449---- | 3,615 | 1,538 | 2,077 | 132,083 | 10,957 | 4.0 | 436 | 10,591 | 4.0 | 428 |
| 450 - 474---- | 2,560 | 983 | 1,577 | 66,573 | 11,556 | 4.0 | 461 | 11,110 | 4.0 | 448 |
| 475 - 499---- | 1,509 | 445 | 1,064 | 27,532 | 12,273 | 4.0 | 486 | 11,641 | 4.0 | 465 |
| 500 - 524---- | 821 | 242 | 579 | 12,754 | 12,974 | 3.9 | 511 | 12,189 | 4.0 | 484 |
| 525 - 549---- | 387 | 96 | 291 | 6,036 | 13,186 | 4.1 | 535 | 12,247 | 4.1 | 500 |
| 550 - 574---- | 175 | 41 | 134 | 2,666 | 14,051 | 4.0 | 560 | 12,959 | 4.0 | 519 |
| 575 - 599---- | 82 | 13 | 69 | 998 | 13,891 | 4.2 | 585 | 12,694 | 4.2 | 530 |
| 600 - 624---- | 34 | 6 | 28 | 346 | 14,452 | 4.2 | 612 | 12,930 | 4.2 | 545 |
| 625 - 649---- | 11 | 2 | 9 | 107 | 14,370 | 4.4 | 635 | 13,011 | 4.3 | 562 |
| Over 650---- | 4 | - | 4 | 56 | 15,666 | 4.3 | 673 | 13,939 | 4.1 | 578 |
| Total or average-- | 21,779 | 10,201 | 11,578 | 511,499 | 10,208 | 4.1 | 415 | 9,965 | 4.1 | 411 |

TABLE 4.--AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF THE DAUGHTERS OF SIRES PROVED IN 1960, AND THE DAMS OF THESE DAUGHTERS, GROUPED ACCORDING TO MILK PRODUCTION RANGE OF THE DAMS TO WHICH THEY WERE MATED

| Milk production range of dams | Sires | Maintained or increased production | Decreased production | Dam-and-daughter pairs | Average production | | | | | |
|-------------------------------|--------|------------------------------------|----------------------|------------------------|--------------------|-----------|-----------|-----------|-----|--------|
| | | | | | Dams | | Daughters | | | |
| | | | | | Milk | Butterfat | Milk | Butterfat | | |
| Pounds | Number | Number | Number | Number | Pounds | % | Pounds | Pounds | % | Pounds |
| Under 6,500- | 586 | 385 | 201 | 6,685 | 6,038 | 4.9 | 297 | 6,336 | 5.0 | 315 |
| 6,500 - 7,499- | 1,977 | 1,083 | 894 | 29,122 | 7,095 | 4.9 | 350 | 7,128 | 5.0 | 354 |
| 7,500 - 8,499- | 3,920 | 1,755 | 2,165 | 83,567 | 8,007 | 4.9 | 391 | 7,821 | 4.9 | 386 |
| 8,500 - 9,499- | 3,119 | 1,243 | 1,876 | 56,160 | 8,966 | 4.6 | 414 | 8,657 | 4.7 | 403 |
| 9,500 - 10,499- | 2,113 | 1,005 | 1,108 | 34,458 | 9,987 | 4.1 | 408 | 9,805 | 4.1 | 405 |
| 10,500 - 11,499- | 2,550 | 1,462 | 1,088 | 52,770 | 11,047 | 3.7 | 407 | 11,022 | 3.7 | 413 |
| 11,500 - 12,499- | 3,512 | 1,803 | 1,709 | 164,574 | 11,994 | 3.6 | 430 | 11,787 | 3.7 | 430 |
| 12,500 - 13,499- | 2,375 | 987 | 1,388 | 58,957 | 12,943 | 3.6 | 463 | 12,484 | 3.6 | 455 |
| 13,500 - 14,499- | 1,154 | 364 | 790 | 18,721 | 13,919 | 3.6 | 496 | 13,086 | 3.6 | 476 |
| 14,500 - 15,499- | 348 | 87 | 261 | 4,937 | 14,878 | 3.6 | 531 | 13,723 | 3.6 | 497 |
| 15,500 - 16,499- | 100 | 26 | 74 | 1,230 | 15,899 | 3.5 | 563 | 14,394 | 3.6 | 520 |
| Over 16,500- | 25 | 1 | 24 | 318 | 17,028 | 3.5 | 599 | 14,587 | 3.6 | 519 |
| Total or average-- | 21,779 | 10,201 | 11,578 | 511,499 | 10,208 | 4.1 | 415 | 9,965 | 4.1 | 411 |

TABLE 5.--AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF THE DAUGHTERS OF SIRES PROVED IN 1960, AND THE DAMS OF THESE DAUGHTERS, GROUPED ACCORDING TO BUTTERFAT PRODUCTION RANGE OF THE DAUGHTERS

| Butterfat production range of daughters Pounds | Sires Number | Maintained or increased production Number | Decreased production Number | Dam-and-daughter pairs Number | Average production | | | | | |
|---|-----------------|--|--------------------------------|----------------------------------|--------------------|-----|---------------------|----------------|-----|---------------------|
| | | | | | Dams | | Daughters | | | |
| | | | | | Milk Pounds | % | Butterfat Pounds | Milk Pounds | % | Butterfat Pounds |
| Under 275---- | 321 | 43 | 278 | 3,068 | 7,077 | 4.3 | 301 | 5,950 | 4.2 | 252 |
| 275 - 299---- | 440 | 93 | 347 | 5,144 | 7,614 | 4.3 | 325 | 6,725 | 4.3 | 289 |
| 300 - 324---- | 906 | 190 | 716 | 10,735 | 8,131 | 4.3 | 348 | 7,289 | 4.3 | 313 |
| 325 - 349---- | 1,600 | 414 | 1,186 | 21,520 | 8,531 | 4.3 | 364 | 7,830 | 4.3 | 338 |
| 350 - 374---- | 2,581 | 749 | 1,832 | 44,123 | 9,023 | 4.2 | 383 | 8,448 | 4.3 | 363 |
| 375 - 399---- | 3,466 | 1,316 | 2,150 | 74,337 | 9,539 | 4.2 | 399 | 9,147 | 4.2 | 387 |
| 400 - 424---- | 3,682 | 1,741 | 1,941 | 97,350 | 10,307 | 4.0 | 416 | 10,056 | 4.1 | 412 |
| 425 - 449---- | 3,293 | 1,814 | 1,479 | 107,438 | 10,947 | 4.0 | 433 | 10,833 | 4.0 | 436 |
| 450 - 474---- | 2,535 | 1,640 | 895 | 84,647 | 11,454 | 3.9 | 450 | 11,510 | 4.0 | 461 |
| 475 - 499---- | 1,478 | 1,027 | 451 | 36,144 | 11,914 | 3.9 | 466 | 12,205 | 4.0 | 486 |
| 500 - 524---- | 724 | 545 | 179 | 14,714 | 12,262 | 3.9 | 484 | 12,673 | 4.0 | 510 |
| 525 - 549---- | 395 | 310 | 85 | 7,246 | 12,857 | 3.9 | 503 | 13,432 | 4.0 | 535 |
| 550 - 574---- | 197 | 172 | 25 | 3,045 | 12,977 | 3.9 | 512 | 13,905 | 4.0 | 560 |
| 575 - 599---- | 99 | 86 | 13 | 1,347 | 13,397 | 3.9 | 529 | 14,505 | 4.0 | 585 |
| 600 - 624---- | 44 | 43 | 1 | 462 | 13,627 | 4.0 | 539 | 15,046 | 4.1 | 610 |
| 625 - 649---- | 10 | 10 | - | 100 | 13,484 | 4.0 | 535 | 15,558 | 4.1 | 635 |
| Over 650---- | 8 | 8 | - | 79 | 12,825 | 4.6 | 591 | 14,858 | 4.6 | 683 |
| Total or average-- | 21,779 | 10,201 | | 11,578 | 511,499 | 4.1 | 415 | 9,965 | 4.1 | 411 |

TABLE 6.--AVERAGE PRODUCTION OF MILK AND BUTTERFAT OF THE DAUGHTERS OF SIRES PROVED IN 1960, AND THE DAMS OF THESE DAUGHTERS, GROUPED ACCORDING TO MILK PRODUCTION RANGE OF THE DAUGHTERS

| Milk production range of daughters Pounds | Sires Number | Maintained or increased production Number | Decreased production Number | Dam-and-daughter pairs Number | Average production | | | | | |
|--|-----------------|--|--------------------------------|----------------------------------|--------------------|-----|---------------------|----------------|-----|---------------------|
| | | | | | Dams | | Daughters | | | |
| | | | | | Milk Pounds | % | Butterfat Pounds | Milk Pounds | % | Butterfat Pounds |
| Under 6,500- | 1,005 | 164 | 841 | 12,090 | 6,916 | 5.0 | 343 | 5,935 | 5.1 | 301 |
| 6,500 - 7,499- | 2,668 | 741 | 1,927 | 43,437 | 7,660 | 4.9 | 376 | 7,063 | 5.0 | 354 |
| 7,500 - 8,499- | 3,666 | 1,580 | 2,086 | 74,746 | 8,284 | 4.8 | 397 | 7,993 | 4.9 | 389 |
| 8,500 - 9,499- | 2,784 | 1,402 | 1,382 | 53,222 | 9,139 | 4.5 | 410 | 8,956 | 4.6 | 409 |
| 9,500 - 10,499- | 2,165 | 985 | 1,180 | 34,916 | 10,407 | 3.9 | 410 | 10,003 | 4.0 | 404 |
| 10,500 - 11,499- | 2,813 | 1,212 | 1,601 | 81,659 | 11,466 | 3.6 | 417 | 11,036 | 3.7 | 411 |
| 11,500 - 12,499- | 3,266 | 1,744 | 1,522 | 127,126 | 12,173 | 3.6 | 436 | 11,991 | 3.7 | 438 |
| 12,500 - 13,499- | 2,054 | 1,354 | 700 | 58,684 | 12,702 | 3.6 | 455 | 12,943 | 3.6 | 469 |
| 13,500 - 14,499- | 910 | 660 | 250 | 19,049 | 13,371 | 3.6 | 478 | 13,925 | 3.6 | 501 |
| 14,500 - 15,499- | 316 | 241 | 75 | 5,073 | 13,841 | 3.6 | 500 | 14,905 | 3.6 | 538 |
| 15,500 - 16,499- | 97 | 84 | 13 | 1,124 | 14,531 | 3.6 | 520 | 15,879 | 3.6 | 569 |
| Over 16,500- | 35 | 34 | 1 | 373 | 14,925 | 3.6 | 534 | 17,149 | 3.5 | 605 |
| Total or average-- | 21,779 | 10,201 | | 11,578 | 511,499 | 4.1 | 415 | 9,965 | 4.1 | 411 |

PRODUCTION RECORDS REPORTED TO THE DAIRY CATTLE RESEARCH BRANCH BY STATE EXTENSION SERVICES,
FOR THE PERMANENT FILES DURING 1959 and 1960

| First 6 Months of 1960 | | | | | | | | | | | | 1959 | | |
|------------------------|-------------------------------|---|--|---|---------|---|----------|---|----------|---|----------|------------|---------|------|
| : | : | : | Herd Test Records Reported by -- | : | Total | : | : | : | : | : | : | Production | | |
| : | Production | : | Ameri-:Ayrshire:Brown Swiss:American:Ameri-: | : | records | : | Records | : | Returned | : | records | records | | |
| State | Cows on test in all: reported | : | :can :Breeders:Cattle :Guernsey:can : | : | records | : | reported | : | Returned | : | reported | reported | | |
| | association: | : | Dairy :Associa-:Breeders' :Cattle :Jersey: | : | | : | | : | | : | | | | |
| | herds on 1/ 2/ | : | Cattle:tion :Association:Club :Cattle: | : | | : | | : | | : | | | | |
| | January 1 : | : | Club : | : | | : | | : | | : | | | | |
| : | Number | : | Number | : | Number | : | Number | : | Percent | : | Number | Number | Percent | |
| Maine----- | 20,980 | : | 8,291 | : | - | : | 94 | : | 40.0 | : | 150 | 14,438 | 74.9 | |
| N. H----- | 11,742 | : | 3,383 | : | - | : | 126 | : | 29.9 | : | 94 | 6,807 | 62.4 | |
| Vt----- | 45,462 | : | 9,987 | : | - | : | 83 | : | 10.225 | : | 256 | 26,859 | 60.3 | |
| Mass----- | 22,100 | : | 9,022 | : | 15 | : | 226 | : | 22.5 | : | 26 | 18,630 | 88.3 | |
| R. I----- | 2,764 | : | 502 | : | - | : | - | : | 43.1 | : | 49 | 1,455 | 52.1 | |
| Conn----- | 22,035 | : | 7,335 | : | - | : | 244 | : | 36.8 | : | 45 | 16,341 | 74.5 | |
| N. Y----- | 151,049 | : | 49,919 | : | 51 | : | 320 | : | 33.8 | : | 9,825 | 179,978 | 126.4 | |
| Pa----- | 139,606 | : | 40,109 | : | - | : | - | : | 51,083 | : | 257 | 151,683 | 125.2 | |
| N. J----- | 27,516 | : | 6,308 | : | - | : | 137 | : | 40,623 | : | 118 | 13,308 | 51.9 | |
| Md----- | 44,181 | : | 13,077 | : | - | : | 122 | : | 6,931 | : | 124 | 37,153 | 91.2 | |
| Del----- | 3,595 | : | 1,829 | : | - | : | 3 | : | 13,589 | : | 15 | 3,592 | 105.1 | |
| : | | | | | | | | | | | | | | |
| Va----- | 50,961 | : | 15,138 | : | - | : | 70 | : | 15,981 | : | 630 | 43,757 | 78.7 | |
| W. Va----- | 8,736 | : | 1,788 | : | - | : | 14 | : | 1,818 | : | 35 | 5,840 | 74.5 | |
| Ky----- | 17,348 | : | 2,465 | : | - | : | 90 | : | 2,645 | : | 123 | 4,407 | 34.0 | |
| N. C----- | 32,084 | : | 6,318 | : | - | : | - | : | 6,954 | : | 96 | 17,022 | 65.7 | |
| S. C----- | 10,557 | : | 2,006 | : | - | : | 78 | : | 412 | : | 58 | 3,800 | 45.1 | |
| Ga----- | 19,715 | : | 2,267 | : | - | : | 19 | : | 132 | : | 58 | 4,693 | 30.9 | |
| Fla----- | 21,620 | : | 2,446 | : | - | : | 8 | : | 560 | : | 37 | 5,594 | 26.7 | |
| Ala----- | 17,803 | : | 2,489 | : | - | : | - | : | 42 | : | 24 | 6,330 | 40.6 | |
| Miss----- | 7,678 | : | 827 | : | - | : | 6 | : | 153 | : | 10 | 1,911 | 30.7 | |
| Tenn----- | 16,283 | : | 61 | : | - | : | - | : | 205 | : | 1.6 | - | 3,067 | 23.6 |
| La----- | 3,966 | : | 432 | : | - | : | - | : | 89 | : | 1 | 865 | 25.3 | |
| Ark----- | 1,918 | : | 350 | : | - | : | 10 | : | 521 | : | 4 | 409 | 38.5 | |
| : | | | | | | | | | | | | | | |
| Ohio----- | 60,137 | : | 13,056 | : | 12 | : | 876 | : | 973 | : | 425 | 28,618 | 51.2 | |
| Ind----- | 35,789 | : | 3,754 | : | 27 | : | 205 | : | 509 | : | 61 | 12,958 | 36.9 | |
| Ill----- | 58,272 | : | 16,989 | : | - | : | 560 | : | 466 | : | 115 | 35,832 | 64.2 | |
| Mich----- | 60,851 | : | 34,084 | : | - | : | 359 | : | 530 | : | 957 | 57,958 | 105.6 | |
| Wis----- | 98,986 | : | 21,780 | : | 20 | : | 618 | : | 217 | : | 134 | 38,903 | 41.1 | |
| Minn----- | 107,188 | : | 24,007 | : | - | : | 129 | : | 231 | : | 1,336 | 56,827 | 58.2 | |
| Iowa----- | 54,454 | : | 19,986 | : | - | : | 541 | : | 194 | : | 311 | 33,620 | 68.2 | |
| Mo----- | 21,714 | : | 4,357 | : | - | : | 122 | : | 102 | : | 125 | 8,697 | 40.6 | |
| : | | | | | | | | | | | | | | |
| N. Dak----- | 5,403 | : | 1,924 | : | - | : | 48 | : | 18 | : | 135 | 2,606 | 60.2 | |
| S. Dak----- | 5,883 | : | 680 | : | - | : | 69 | : | 28 | : | 7 | 1,123 | 19.8 | |
| Nebr----- | 13,240 | : | 954 | : | - | : | 50 | : | 125 | : | 53 | 2,132 | 18.2 | |
| Kans----- | 26,110 | : | 5,067 | : | - | : | 59 | : | 117 | : | 139 | 12,599 | 51.4 | |
| Okla----- | 7,348 | : | 1,829 | : | - | : | 42 | : | 136 | : | 87 | 1,508 | 21.9 | |
| Tex----- | 21,866 | : | 1,712 | : | - | : | 86 | : | 135 | : | 40 | 6,002 | 35.6 | |
| : | | | | | | | | | | | | | | |
| Mont----- | 5,559 | : | 515 | : | - | : | 88 | : | 25 | : | 6 | 1,141 | 21.5 | |
| Idaho----- | 25,441 | : | 3,694 | : | - | : | 29 | : | 187 | : | 50 | 7,338 | 32.6 | |
| Wyo----- | 1,441 | : | 91 | : | - | : | - | : | 12 | : | 4 | 475 | 29.2 | |
| Nev----- | 3,061 | : | 6 | : | - | : | - | : | 103 | : | - | 256 | 13.0 | |
| Utah----- | 16,266 | : | 2,228 | : | - | : | - | : | 60 | : | 1.2 | 2,257 | 79.5 | |
| Colo----- | 15,514 | : | 739 | : | - | : | 75 | : | 37 | : | 50 | 2,257 | 16.6 | |
| N. Mex----- | 4,055 | : | 109 | : | - | : | - | : | 94 | : | 6 | 1,008 | 33.0 | |
| Ariz----- | 25,951 | : | 594 | : | - | : | 2 | : | 27 | : | 6 | 2,166 | 9.2 | |
| Wash----- | 43,626 | : | 21,681 | : | - | : | 2 | : | 506 | : | 1,378 | 16,133 | 35.0 | |
| Oreg----- | 28,737 | : | 8,367 | : | - | : | 62 | : | 230 | : | 119 | 15,501 | 58.7 | |
| Calif----- | 295,536 | : | 1,089 | : | - | : | 64 | : | 295 | : | 5 | 2,957 | 1.1 | |
| : | | | | | | | | | | | | | | |
| P. R----- | 4,422 | : | 251 | : | - | : | - | : | 251 | : | 19 | 87 | 1.8 | |
| Hawaii----- | 203 | : | 174 | : | - | : | - | : | 174 | : | - | 91 | 42.1 | |
| Alaska----- | 0 | : | - | : | - | : | - | : | - | : | - | - | - | |
| U. S----- | 1,746,752 | : | 376,066 | : | 125 | : | 5,683 | : | 11,681 | : | 22.5 | 17,680 | 927,998 | 57.7 |

1/ Includes cows enrolled since January 1, 1960.

2/ Production records reported on DHIA-718 and DHIA-1095.

3/ Records returned to States because of inconsistent or incomplete data.

